2♠ Common Ground

Joint Capability Technology Demonstration

Interoperable Joint/Coalition Geo-enabled C2 Enterprise Information
➤ unifies adaptive planning, execution and effects among C2 elements
➤ demo FY10
➤ transition FY11

2♥

3 ♠ Cooperative Security Engagement

Joint Capability Technology Demonstration

CSE

Adaptive planning, decision-making and assessment framework for cooperative security operations
- demo FY10
- transition FY11

♥ ε

4 ♠

Critical Runway AssessmenT and Repair

Joint Capability Technology Demonstration

CRATR

Integrates airfield damage assessment with repair technologies for faster runway repair
- UAVs for damage assessment
- innovative repair materials and new equipment
- demo FY09; transition FY10

♥ 4

5 ♠ Future Immersive Training Environment

Joint Capability Technology Demonstration

FITE

Reinforces squad training with integrated, interoperable, immersive "life-like" elements
- prepares warfighters for battle chaos
- trainee feedback
- combined arms integration
- collective after-action review
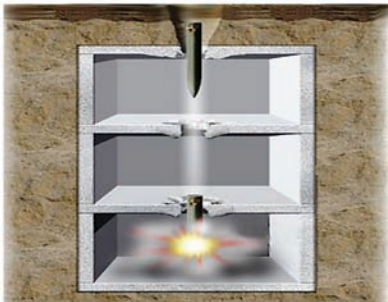- demos in FY09-10
- transition FY10

♥ 5

6 ♠

Hard Target Void Sensing Fuze

Joint Capability Technology Demonstration

HTVSF

Void-sensing fuse for hardened targets
- reduces need to re-strike
- applicable to legacy warheads
- demo and transition FY10

♥9

7♠

Joint Force Protection Advanced Security System

Joint Capability Technology Demonstration

JFPASS

Automates access control perimeter surveillance, CBRNE sensing, and response capabilities for integrated security
- reduces workload and logistics
- demo FY09
- transition FY10

♠7

8 ♠ Joint Medical Distant Support & Evacuation

Joint Capability Technology Demonstration

JMDSE

Battlefield casualty care with un-manned precision supply, telemedicine, and evacuation
- force mulitiplier for casualty evacuation
- demos FY09-10
- transition FY11

♥8

9 ♠

Joint Recovery & Distribution System

Joint Capability Technology Demonstration

JRaDS

Family of trailers for joint deployment, sustainment, and recovery/retrograde
➤ Answers requirements for multiple major combat operations, GWOT and stability operations
➤ demo FY10
➤ transition FY12

♥6

10 ♠

National Senior Leadership Decision Support Service

Joint Capability Technology Demonstration

NSLDSS

Provides Joint collaboration and rapid decision making among widely dispersed Senior Leadership, CoComs and Federal Agencies
- ➤ reduces time spent on discovery
- ➤ demo FY10
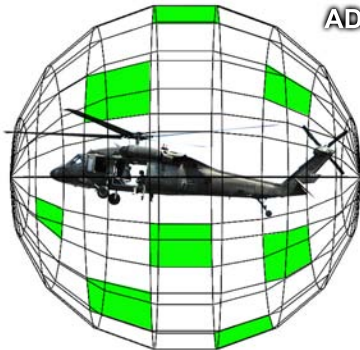- ➤ transition FY12

♥ 10

J♠ Advanced Distributed Aperture System

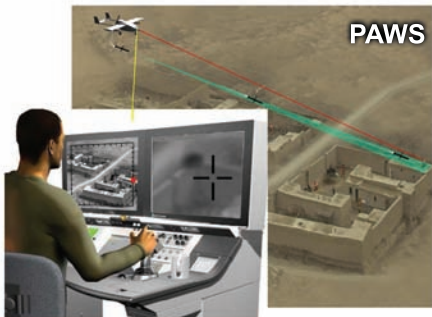**Joint Capability Technology Demonstration**

ADAS

Visual augmentation to improve aviation
attentiveness in day, night and all-weather
➤ lightweight 40° FOV helmet display for
independent imagery view
➤ demo FY10
➤ transition FY11

♥♩

Q♠ Precision Acquisition & Weaponized System

Joint Capability Technology Demonstration

PAWS

Tactical unmanned aircraft assets armed with low-collateral damage weapons to effectively neutralize asymmetric threats

➤ Increased survivability in hostile urban environments
➤ demo FY10
➤ transition FY11

♥○

K♠ Trans-national Information Sharing Cooperation

Joint Capability Technology Demonstration

TISC

Software tool suite to enhance Cocom and extended partner theater security, stability and reconstruction cooperation operations
- ➤ open-source interoperable capability
- ➤ demo and transition FY10

♠K

A ♠

Joint Capability Technology Demonstration (JCTD)

The JCTD Program, introduced in FY 2006, implemented a new and enhanced business process to better meet the Department's transformational goal of becoming capability based. JCTDs focus directly on the Combatant Commanders' most critical warfighter needs and provide a faster, more agile and integrated joint response to emerging asymmetrical threats. JCTDs emphasize increased upfront transition planning, provision for a higher level of OSD funding during the first two years and transition bridge funding from Budget Activity Four for those projects that demonstrate compelling joint military utility.